

Ashur Cherry

The Mesopotamian Sexagesimal System

**Ashur Cherry
York University
Toronto, Ontario**

I dedicate this work to all the members of the ***Bet-Nahrain Democratic Party***, the ***Assyrian National Congress***, and the ***Bet-Nahrain Organization*** in particular and Dr. Sargon Dadesho. Their hard work and great achievements are fully appreciated. I wish them great success in all their undertakings for the bright future that is awaiting them!

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Acknowledgement

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Finally, if you have any comments regarding this book or suggestions for my next one, please feel free to E-mail me at **ashur_cherry@mailcity.com**

GOOD LUCK AND GOOD RESEARCH!

Ashur Cherry

September 18th, 2004

The Mesopotamian Sexagesimal System

1/3600		7
10/3600 = 1/360		7
1/60		7
1/36		7
2/60		7
1/10		7
1/6		7
10/60 = 1/6		7
1/6		7
1/6		7
1/6		7
1/4		7
15/60 = 1/4		7
1/3		7
1/3		3.4

Numbers indicate the period to which the signs belong:

1 = From Ur-Nammu to Maništusu

2 = From Sargon to Gudea

3 = Ur III Dynasty









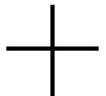
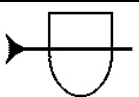





4 = First Babylonian Dynasty

5 = Kassite Dynasty

6 = Neo-Babylonian Period

7 = Assyrian

The Mesopotamian Sexagesimal System

1/3		5.6
1/3		2
1/3		1
1/3		1
1/3		1
20/60 = 1/3		7
1/2		1-6
1/2		2
1/2		1
1/2		2-4
1/2		2-4
30/60 = 1/2		7
2/3		3
2/3		7
2/3		7

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
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The Mesopotamian Sexagesimal System

2/3		3.4
2/3		5.6
2/3		2
2/3		2
2/3		1
2/3		2
2/3		1.2
40/60 = 2/3		7
5/6		7
5/6		5.6
50/60 = 5/6		7
1		1-6
1		2-6.7
1		1-3
1		3

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






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The Mesopotamian Sexagesimal System

1		2
1		1-4
1		1-4
1		1. 2
1		6
1		7
1		1
1		3
1		1
2		3-4.7
2		1.3
2		6.7
2		1.3-4
2		5
2		6.7

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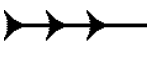



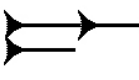





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The Mesopotamian Sexagesimal System

2		1
2		1
2		1
2		3
$20 + 30/60 = 2\frac{1}{2}$		7
3		2.6.7
3		3
3		3
3		7
3		7
3		7
3		7
3		2-4
3		2-4
$3 + 20/60 = 3\frac{1}{3}$		7

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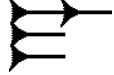





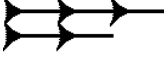




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The Mesopotamian Sexagesimal System

4		3.6.7
4		1.2
4		1
4		3
4		7
4		7
4		7
4		4.6.7
4		7
4		7
5		5.7
5		1.2
5		1.2
5		1.2
5		6

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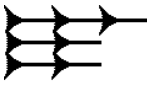

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The Mesopotamian Sexagesimal System

5		7
5		3-6.7
5		1
5		1.2
6		3.6.7
6		3
6		1
6		1
6		6.7
6		1.3-6.7
7		3.7
7		1
7		3
7		6.7
7		5.6.7

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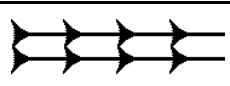
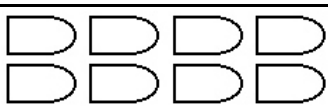






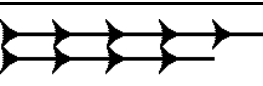


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The Mesopotamian Sexagesimal System

7		3.4.7
7		1
7		1
7		7
8		3-5.7
8		1
8		6
8		1
8		7
8		5.6.7
8		1.3.4.7
8		1
9		3-5.7
9		1
9		6.7

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The Mesopotamian Sexagesimal System

9		7
9		7
9		4.6.7
9		3
9		1-3
9		3.6
9		3.6
10		3.4
10		2-6.7
10		1
10		1
10		1
10		1
10		1-4
10		1-4

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











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The Mesopotamian Sexagesimal System

10		1-4
10		2
10		1
10		1
10		1
11		7
12		7
13		7
14		7
15		7
16		7
17		7
18		7
19		7

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The Mesopotamian Sexagesimal System

20	◀◀	7
20	○ ○	1
20	◁ ▷	1
20	⌌	2-6
20	≡	1
20	≡	1
20	⌌	1
20	⌌	1
21	◀◀	7
22	◀◀	7
23	◀◀	7
24	◀◀	7
25	◀◀	7
26	◀◀	7
27	◀◀	7

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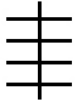






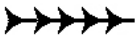

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The Mesopotamian Sexagesimal System

28		7
29		7
30		3.5-6
30		1-2.4
30		1-2.4
30		1-2.4
30		1-2.4
30		7
30		6
30		7
30		7
30		7
30		7
30		1-3

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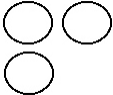














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The Mesopotamian Sexagesimal System

30		1-3
30		1-3
30		1-3
31		7
32		7
33		7
34		7
35		7
36		7
37		7
38		7
39		7
40		3
40		7
40		3.5.6

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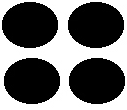
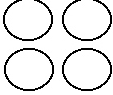











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The Mesopotamian Sexagesimal System

40		5.6
40		1.2
40		1.2
40		1.2
40		1.2
40		1.2
41		7
42		7
43		7
44		7
45		7
46		7
47		7
48		7
49		7

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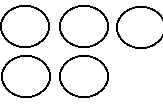
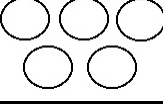







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The Mesopotamian Sexagesimal System

50		3
50		7
50		2.3.5.6
50		2.3.5.6
50		1.2
50		1.2
50		1.2
51		7
52		7
53		7
54		7
55		7
56		7
57		7

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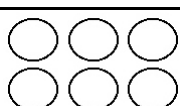






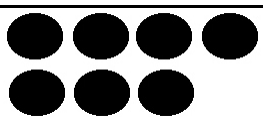


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The Mesopotamian Sexagesimal System

58		7
59		7
60		7
60		7
60		7
60		1
60		2
60		3-6.7
60		1-4
60		7
70		7
70		7
70		1
80		7
80		7

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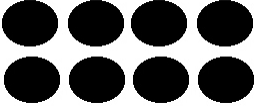
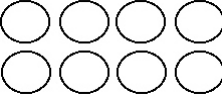













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The Mesopotamian Sexagesimal System

80		1
80		1
90		7
90		7
100		5.6.7
100		7
100		1
100		1
100		7
120		7
150		7
180		7
200		7
200		7
300		7

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The Mesopotamian Sexagesimal System

360		7
420		7
480		7
540		7
600		5.6
$60 \times 10 = 600$		7
$6 \times 100 = 600$		7
600		7
600		5.6.7
600		2
600		3.4
600		2
600		3
1,000		5.6.7
1,000		7

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The Mesopotamian Sexagesimal System

$2 \times 1,000 =$ 2,000		7
$20 \times 100 = 2,000$		7
$60^2 \times 1 =$ 3,600		5.6.7
3,600		2
3,600		4-6.7
3,600		7
3,600		2-6
3,600		1
3,600		1
3,600		7
3,600		1.2
3,600		1
$3,600 + 3,600 =$ 7,200		1
$10 \times 1,000 =$ 10,000		7
$100 \times 100 =$ 10,000		7

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10,000		7
10,000		7
10,000		7
10,000		7
$3,600 \times 10 =$ 36,000		3-6.7
$3,600 \times 10 =$ 36,000		7
$3,600 \times 10 =$ 36,000		1
$60^2 \times 10 =$ 36,000		7
$3,600 \times 20 =$ 72,000		3-6
$3,600 \times 20 =$ 72,000		7
$36,000 + 36,000$ $= 72,000$		1
$3,600 \times 30 =$ 108,000		3-6
$3,600 \times 30 =$ 108,000		7
$3,600 \times 40 =$ 144,000		3-6
$3,600 \times 40 =$ 144,000		3-6

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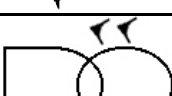
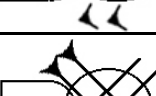


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The Mesopotamian Sexagesimal System

$3,600 \times 40 =$ 144,000		7
$3,600 \times 50 =$ 180,000		3-6
$3,600 \times 50 =$ 180,000		7
$60^3 \times 1 =$ 216,000		7
$3,600 \times 60 =$ 216,000		3-6
216,000		7
216,000		7
216,000		3.4
216,000		5.6
216,000		2
216,000		2
216,000		2
432,000		5.6
$1,000 \times 1,000 =$ 1,000,000		7

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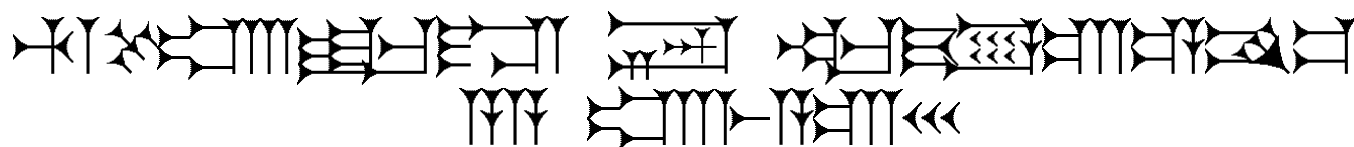
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About The Cover



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A.A UM.ME.A-KE₄.EŠ

“Writing is the mother of speakers, the father of scholars”

By: S. A. Hopkins